

GRAVITY FEED BRINING SYSTEM FOR A WATER CONDITIONING SYSTEM

ABSTRACT OF THE DISCLOSURE

A gravity feed brining system for a water conditioning system having a brine storage tank and a pressure vessel containing regenerable treatment media is provided. The brining system includes a valved manifold means for directing water flow in the water conditioning system and is operated by a programmable processor. The brine storage tank is elevated above the pressure vessel and the valved manifold means is connected to the brine storage tank and the pressure vessel establishing a flow path therebetween. The positioning of the storage vessel allows a quantity of brine solution to be gravity fed into the pressure vessel during a regeneration cycle, thereby eliminating the need of a venturi, J-tube or pump to transfer the brine solution into the pressure vessel.